AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method for determining a physical property of an individual object among a plurality of like objects lying in a side-by-side relationship ~~with~~ each object having opposed first and second end faces and an upper side face extending between the first and second end faces, the first and second end faces and the upper side face being exposed, the method comprising:

taking a series of first pairs of images of the first end faces and of ~~a predetermined portion of~~ the upper side faces of the objects, so that each of the first pairs of images allows stereo imaging of the objects,

taking a series of second pairs of images of the second end faces and of the ~~predetermined portion of~~ the upper side faces of the objects, so that each of the second pairs of images allows stereo imaging of the objects,

the series of first pairs of images and the series of second pairs of images being taken using a camera during relative motion between the camera and the object, and

~~using the~~ processing selected first and second pairs of images for determining the physical property of the individual object.

2. (Currently amended) The ~~A~~ method according to claim 1 wherein the objects are logs or pieces of processed wood.

3. (Cancelled)

4. (Cancelled)

5. (Currently amended) The ~~A~~ method according to Claim 2 ~~4~~, wherein the first and second series of first pairs of images and second pairs of images are taken with the camera attached to a vehicle that is moved relative to the plurality of objects.

6. (Currently amended) The ~~A~~ method according to Claim 2 ~~4~~, wherein the first and second series of first pairs of images and second pairs of images are taken with the camera being stationary and moving the plurality of objects relative to the camera.

7. (Currently amended) The ~~A~~ method according to ~~any one of claims 1-6~~ Claim 1, wherein each series of first and second pairs of images is taken using a pair of cameras.

8. (Currently amended) The ~~A~~ method according to ~~any one of claims 1-6~~ Claim 1, wherein each series of first and second pairs of images is taken using a single camera.

9. (Currently amended) The ~~A~~ method according to ~~any one of Claims 2-8~~ Claim 2, wherein the physical property is selected from the group ~~comprising~~ consisting of length, diameter, volume, shape, curvature, surface irregularities, species of tree, percentage of bark, percentage of wood, damage, and percentage of rot.

10. (Currently amended) A system for determining a physical property of an individual object among a plurality of like objects lying in a side-by-side relationship, ~~with~~ each object having opposed first and second end faces and an upper side face extending between the first and second end faces, the first and second end faces and the upper side face being exposed, the system comprising:

a camera for taking first and second series of pairs of images of the first and second end faces, respectively, and of ~~a predetermined portion of~~ the upper side face of the object, so that each of the first and second pairs of images allows stereo imaging of the object,

the camera being arranged to take the first and second series of pairs of images during relative motion between the camera and the object, and

means for ~~using~~ processing the first and second pair of images for determining the physical property of the individual object.

11. (Currently amended) The ~~A~~ system according to Claim 10 wherein the camera attached to a vehicle that is movable relative to the plurality of objects.

12. (Currently amended) The ~~A~~ system according to Claim 10, wherein the camera is stationary and ht e plurality of objects are movable relative to the camera.